Title: SYSTEM AND METHOD FOR DYNAMIC NOTE ASSIGNMENT FOR MUSICAL SYNTHESIZERS

Inventors: Christopher L. Stone and Gary D. Davis

Attorney Docket No.: 03104

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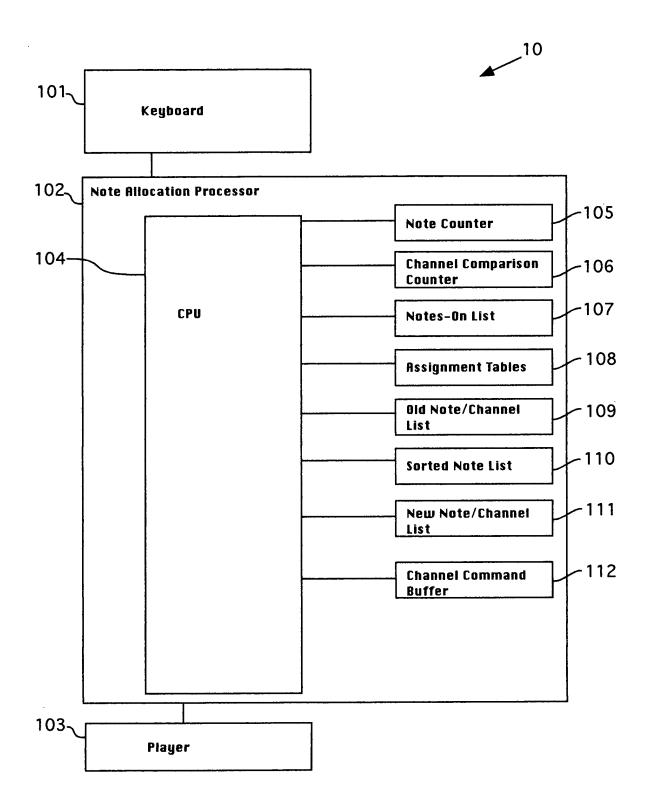


Fig. 1

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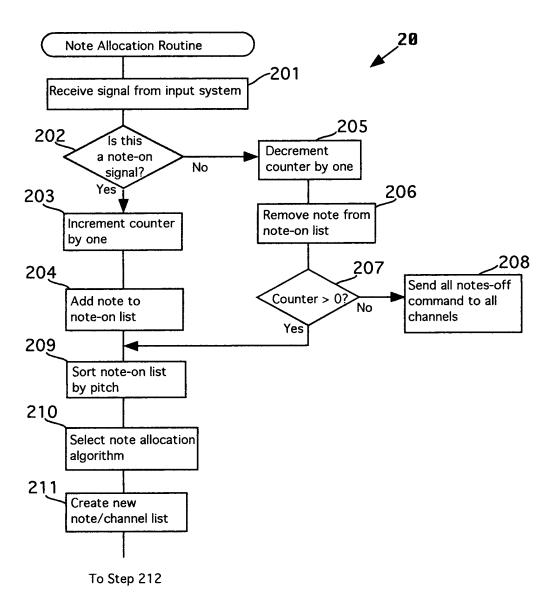


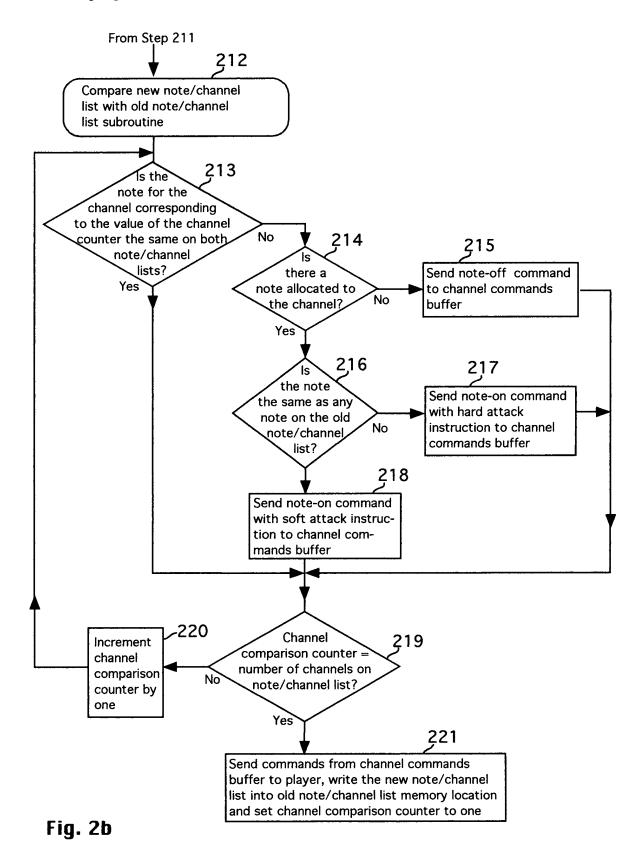
Fig. 2a

TITLE: SYSTEM AND METHOD FOR DYNAMIC NOTE ASSIGNMENT FOR MUSICAL SYNTHESIZERS

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Assignment Table, Eight Cello Section
One Note
Top-Weighted

Channel 1: the note on sorted note list
Channel 2: the note on sorted note list
Channel 3: the note on sorted note list
Channel 4: the note on sorted note list

Channel 4: the note on sorted note list Channel 5: the note on sorted note list Channel 6: the note on sorted note list Channel 7: the note on sorted note list Channel 8: the note on sorted note list

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Assignment Table, Eight Cello Section Three Notes Top-Weighted

Channel 1: the highest note on sorted note list
Channel 2: the highest note on sorted note list
Channel 3: the highest note on sorted note list
Channel 4: the second highest note on sorted note list
Channel 5: the second highest note on sorted note list
Channel 6: the second highest note on sorted note list
Channel 7: the lowest note on sorted note list

Channel 7: the lowest note on sorted note list Channel 8: the lowest note on sorted note list

305

Assignment Table, Eight Cello Section Five Notes Top-Weighted

Channel 1: the highest note on sorted note list
Channel 2: the highest note on sorted note list
Channel 3: the second highest note on sorted note list
Channel 4: the second highest note on sorted note list
Channel 5: the third highest note on sorted note list
Channel 6: the third highest note on sorted note list
Channel 7: the fourth highest note on sorted note list
Channel 8: the lowest note on sorted note list

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Assignment Table, Eight Cello Section Seven Notes Top-Weighted

Channel 1: the highest note on sorted note list
Channel 2: the highest note on sorted note list
Channel 3: the second highest note on sorted note list
Channel 4: the third highest note on sorted note list
Channel 5: the fourth highest note on sorted note list
Channel 6: the fifth highest note on sorted note list
Channel 7: the sixth highest note on sorted note list
Channel 8: the lowest note on sorted note list

302,

Assignment Table, Eight Cello Section Two Notes Top-Weighted

Channel 1: the higher note on sorted note list Channel 2: the higher note on sorted note list Channel 3: the higher note on sorted note list Channel 4: the higher note on sorted note list Channel 5: the lower note on sorted note list Channel 6: the lower note on sorted note list Channel 7: the lower note on sorted note list Channel 8: the lower note on sorted note list Channel 8: the lower note on sorted note list

,304

Assignment Table, Eight Cello Section Four Notes Top-Weighted

Channel 1: the highest note on sorted note list
Channel 2: the highest note on sorted note list
Channel 3: the second highest note on sorted note list
Channel 4: the second highest note on sorted note list
Channel 5: the third highest note on sorted note list
Channel 6: the third highest note on sorted note list
Channel 7: the lowest note on sorted note list
Channel 8: the lowest note on sorted note list

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Assignment Table, Eight Cello Section Six Notes Top-Weighted

Channel 1: the highest note on sorted note list
Channel 2: the highest note on sorted note list
Channel 3: the second highest note on sorted note list
Channel 4: the second highest note on sorted note list
Channel 5: the third highest note on sorted note list
Channel 6: the fourth highest note on sorted note list
Channel 7: the fifth highest note on sorted note list
Channel 8: the lowest note on sorted note list

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Assignment Table, Eight Cello Section Eight Notes Top-Weighted

Channel 1: the highest note on sorted note list
Channel 2: the second highest note on sorted note list
Channel 3: the third highest note on sorted note list
Channel 4: the fourth highest note on sorted note list
Channel 5: the fifth highest note on sorted note list
Channel 6: the sixth highest note on sorted note list
Channel 7: the seventh highest note on sorted note list
Channel 8: the lowest note on sorted note list